FRA SPECIALFORSKALLING TIL BLIVENDE KUNSTVÆRK I GLASFIBER

Johan Jespersgaard Sædholm
Per Aarsleff A/S

AARSLEFF

ARoS – The Next Level

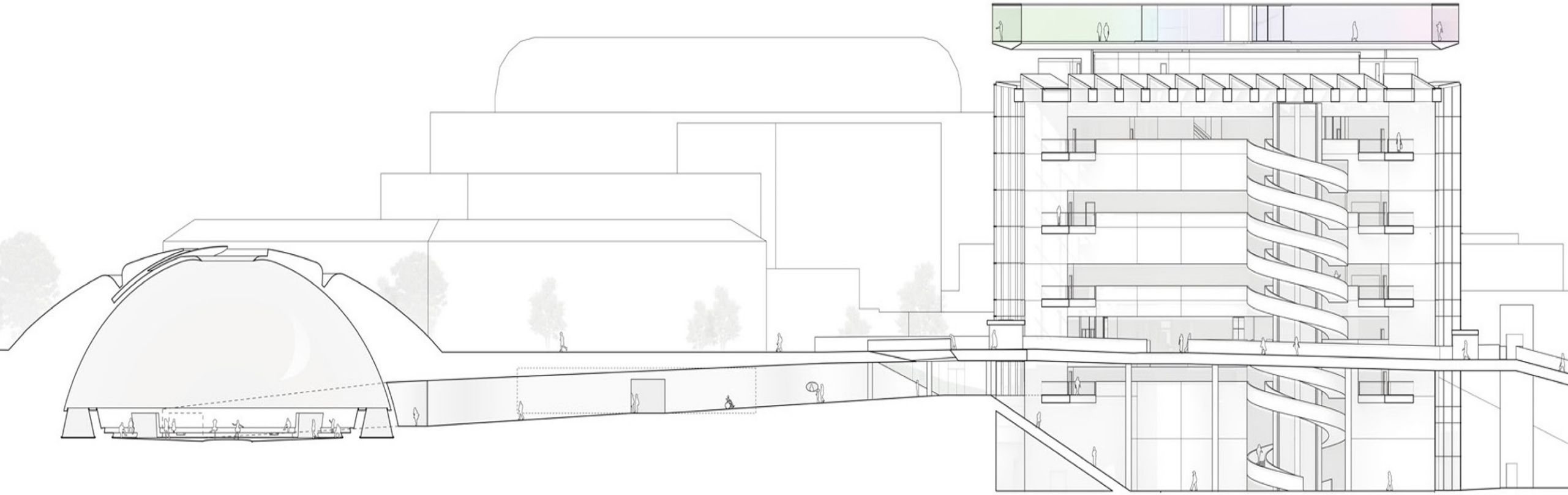
The Dome, a Skyspace by James Turrell

Bygherre: Aarhus Kommune
Bruger: ARoS
Totalrådgivere: SHL/Cowi

2014 – Ideen starter
2015 – Første illustrationer
2015 – 2020 Projektet formes
2020 – 2022 Projektering og udvikling
2022 – 2025 Udførelse

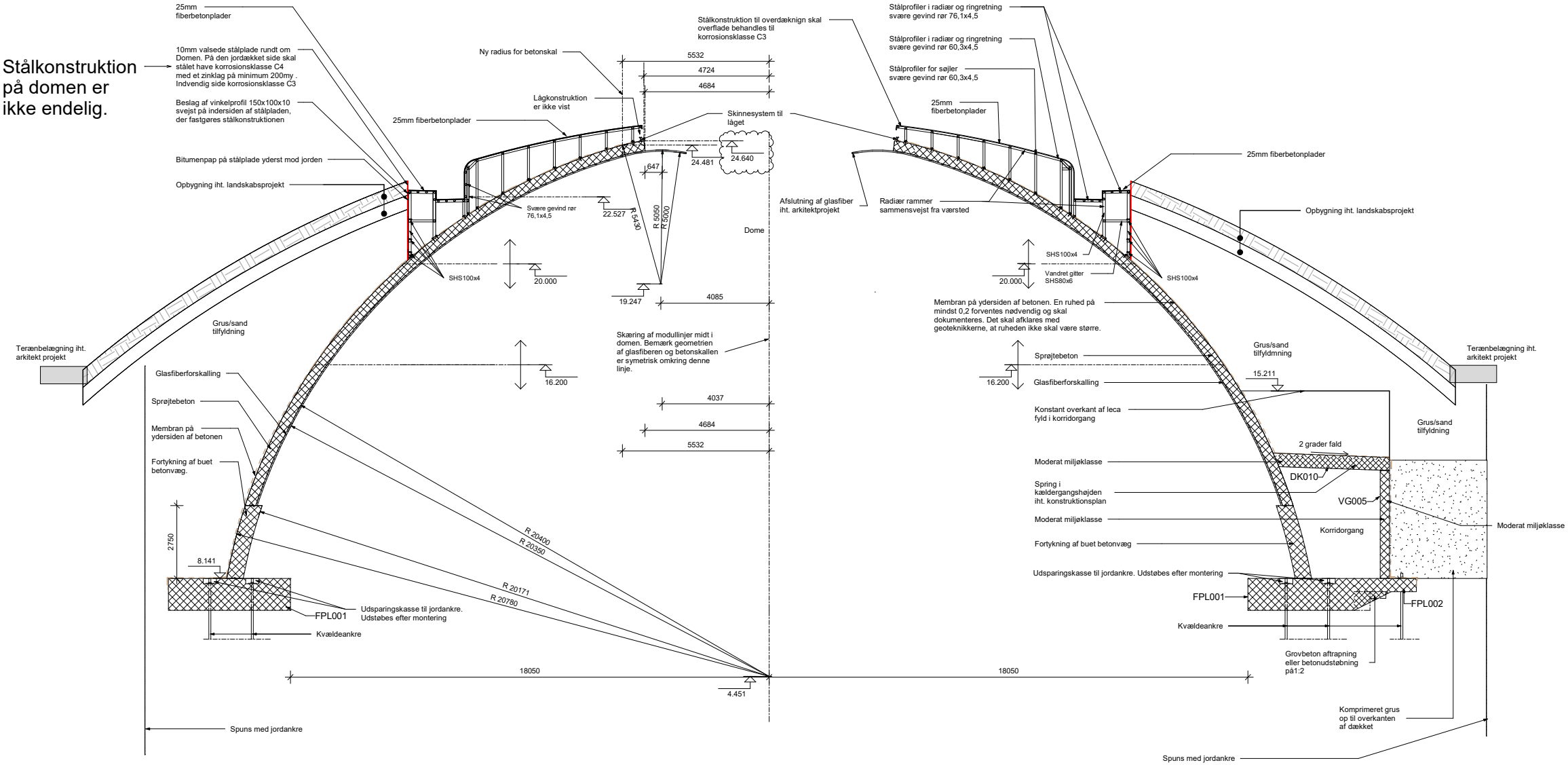
AARSLEFF

SHL Architects



AARSLEFF

Stålkonstruktion på domen er ikke endelig.

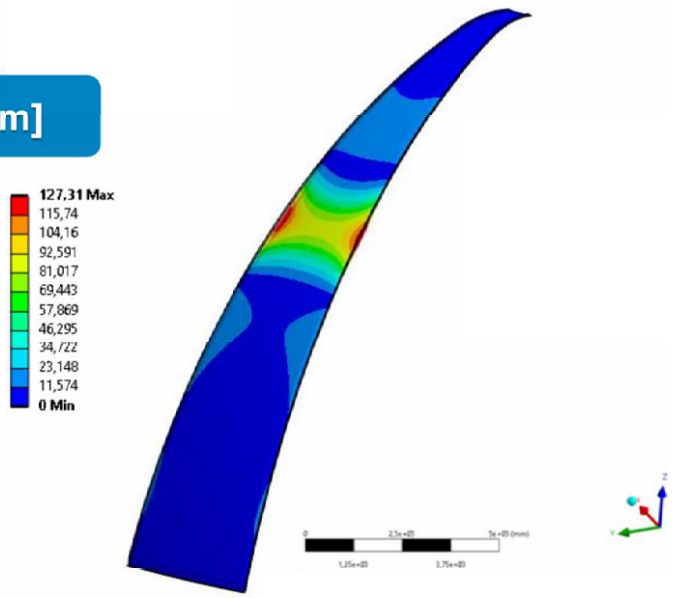


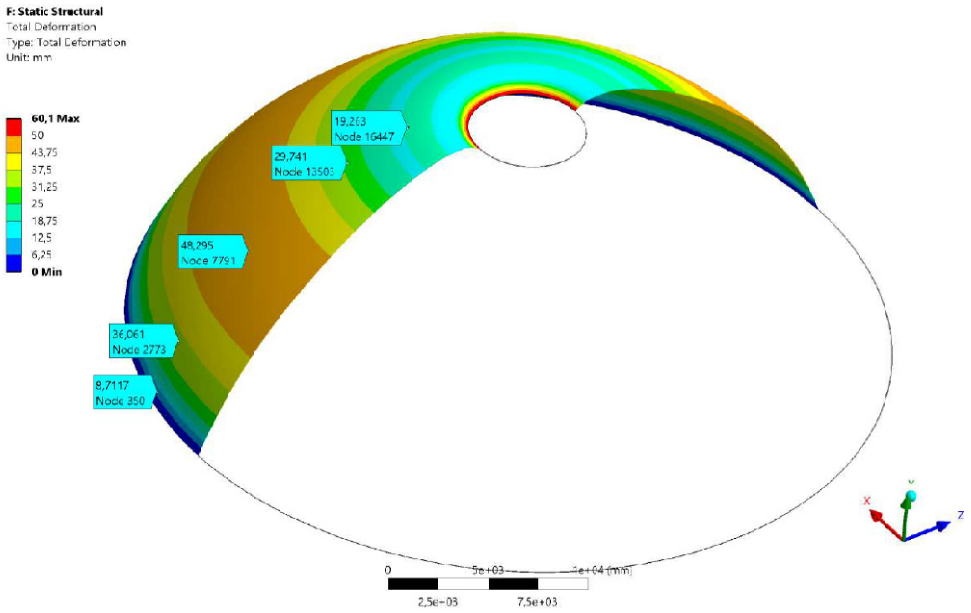
AARSLEFF

AARSLEFF

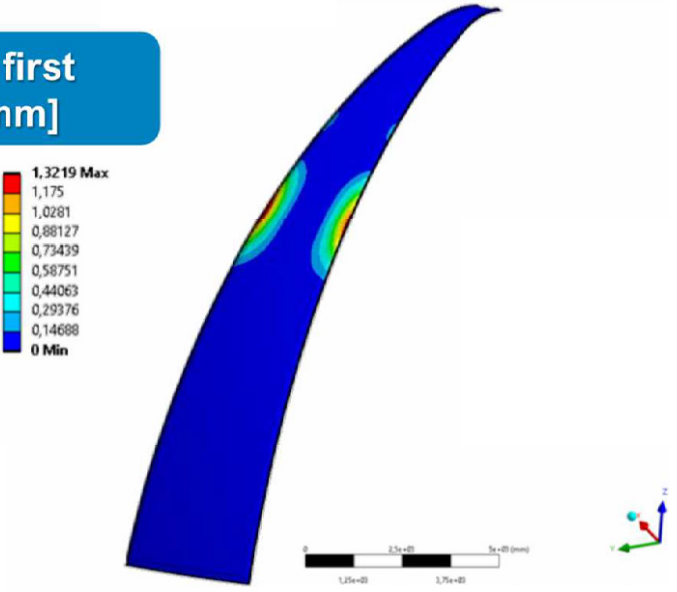
AARSLEFF

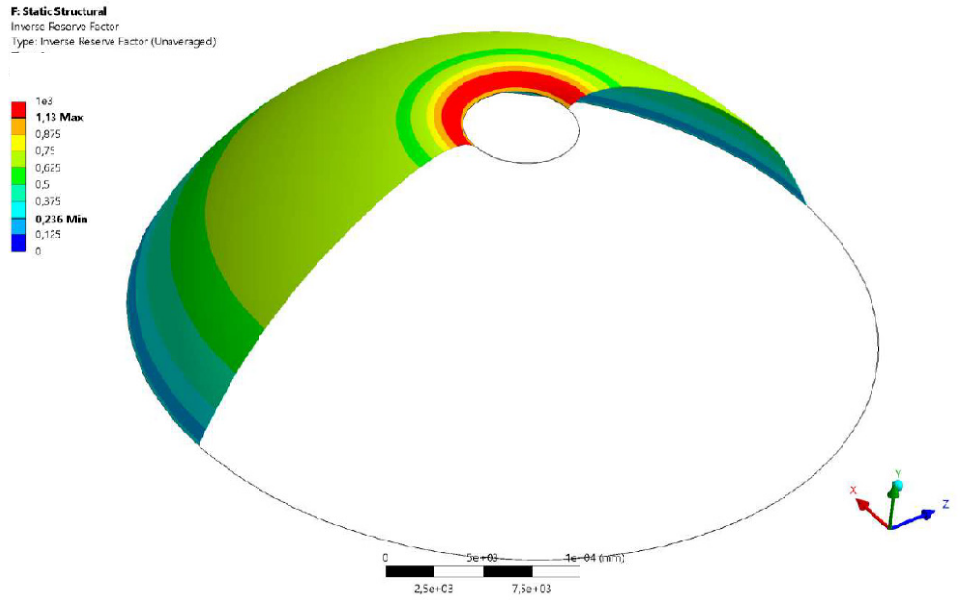
Deformation Plot [mm]





Deformation plot - first buckling mode [mm]





AARSLEFF

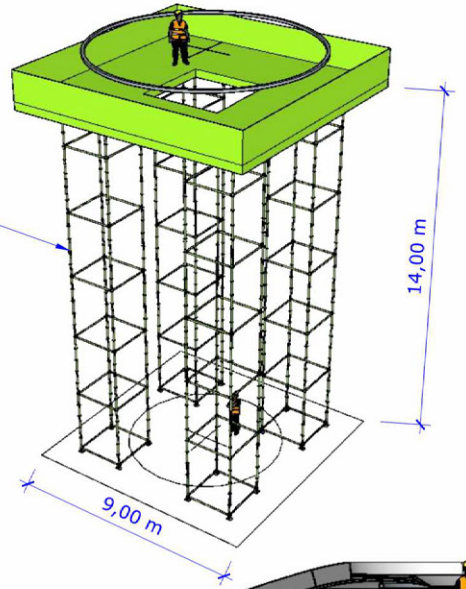
Eigenvalue Buckling
Load Multiplier: 0,44
Pressure: 7,66 kN/m²

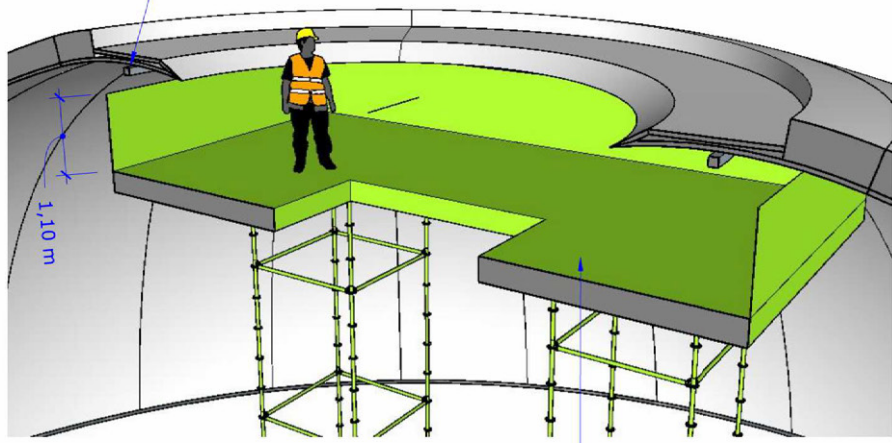
Tårn glasfiberskaller Dome

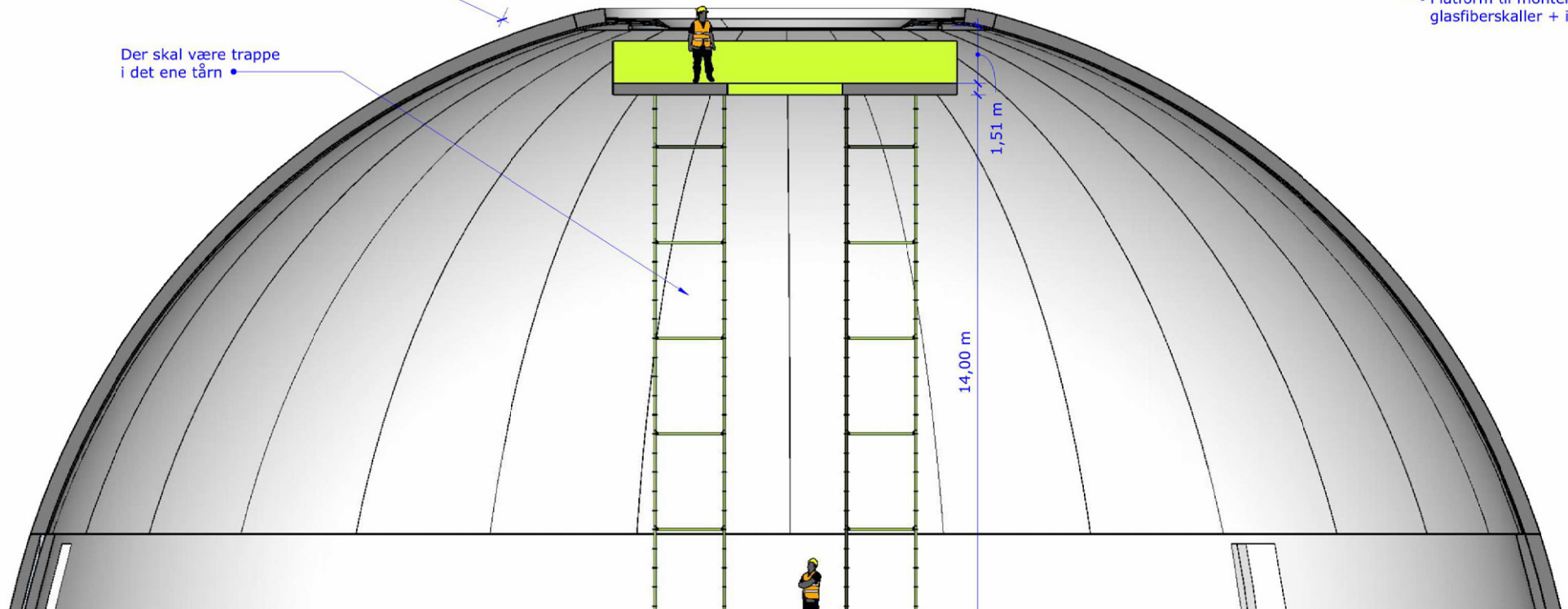
ARoS - Next Level

30/9-22
KTBJ
Side 6/6

Systemet skal efterfølgende kunne pakkes og hejses ud. De enkelte dele skal kunne håndteres uden kran







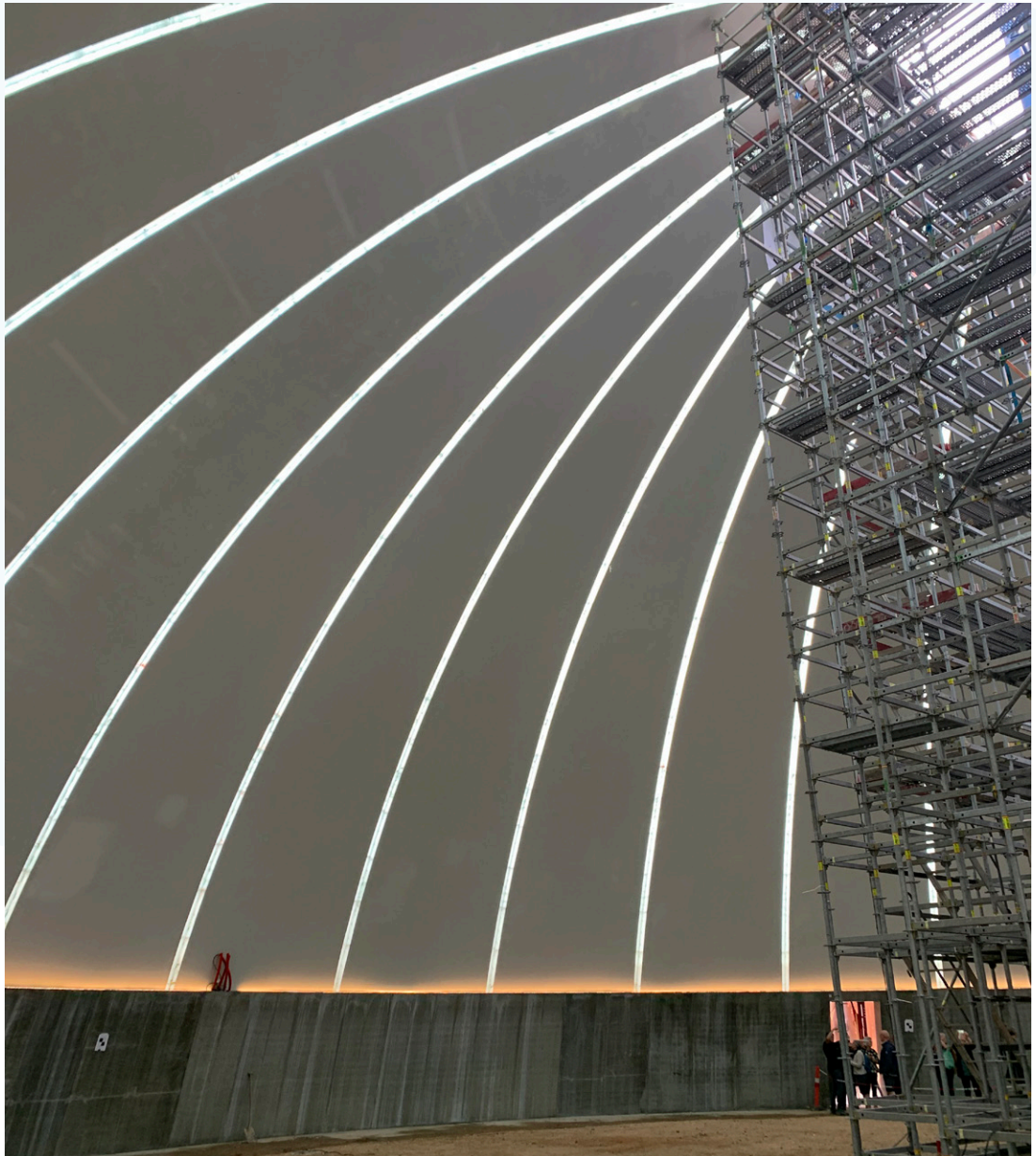
AARSLEFF

AARSLEFF

AARSLEFF

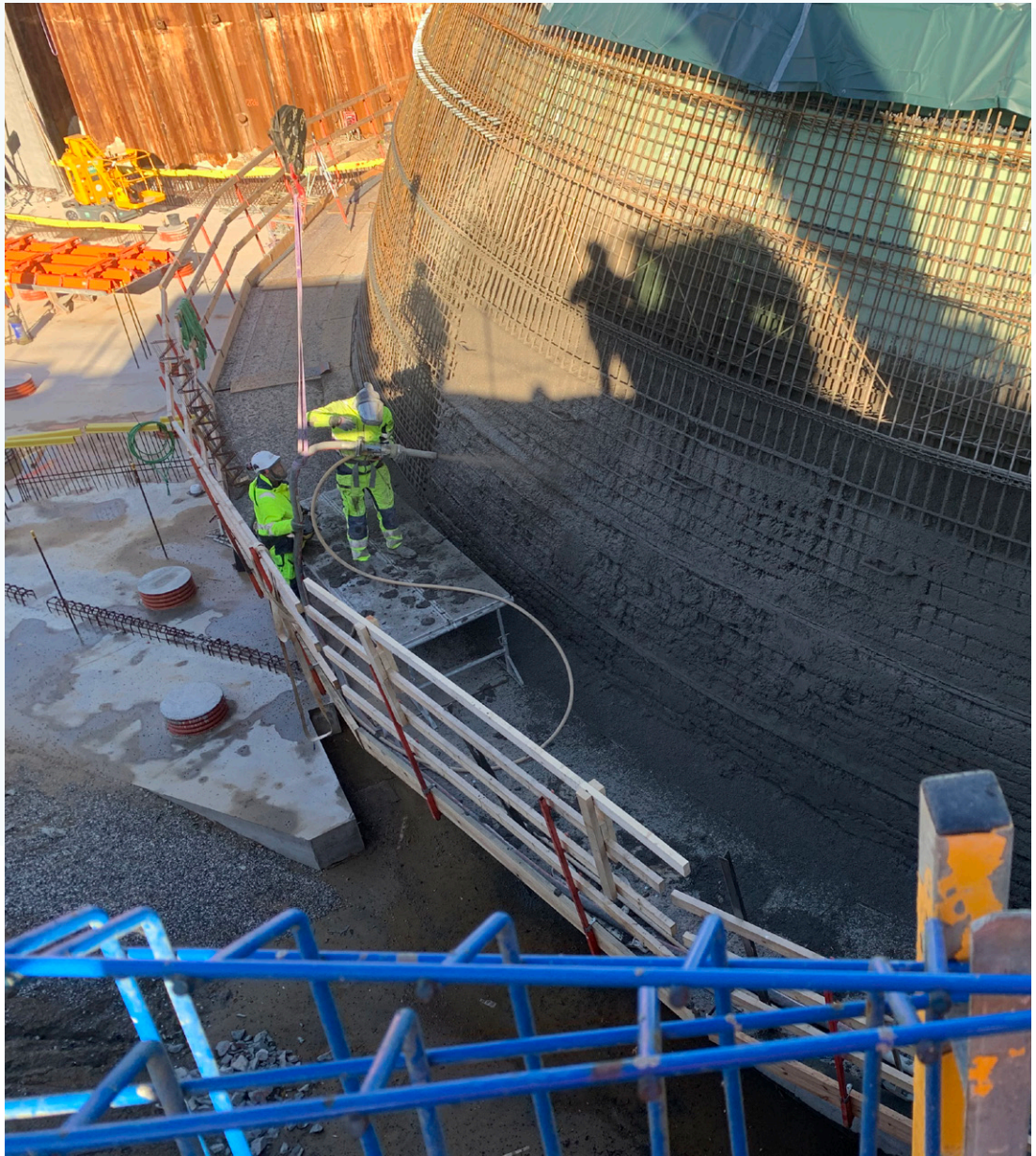
AARSLEFF

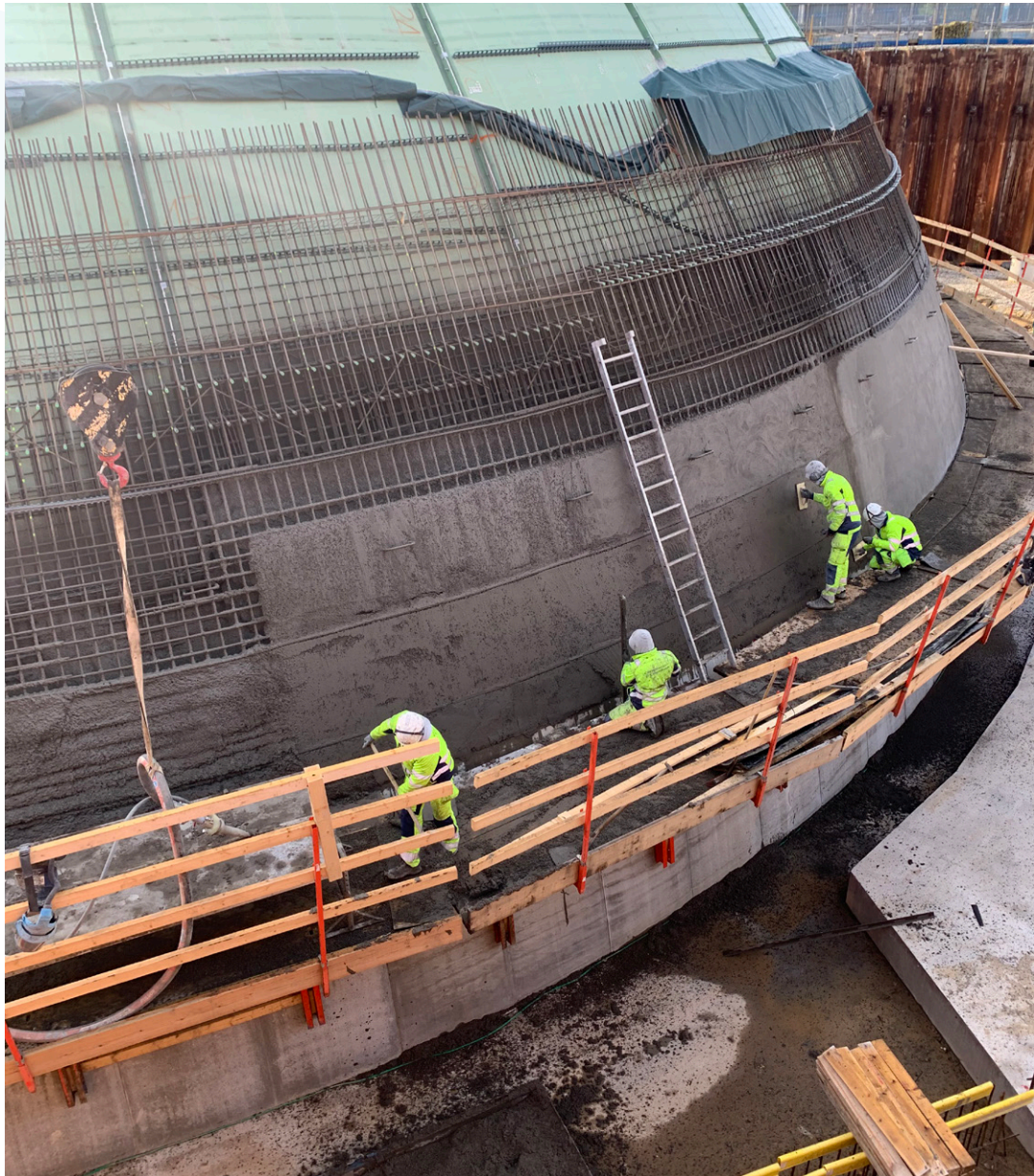
AARSLEFF



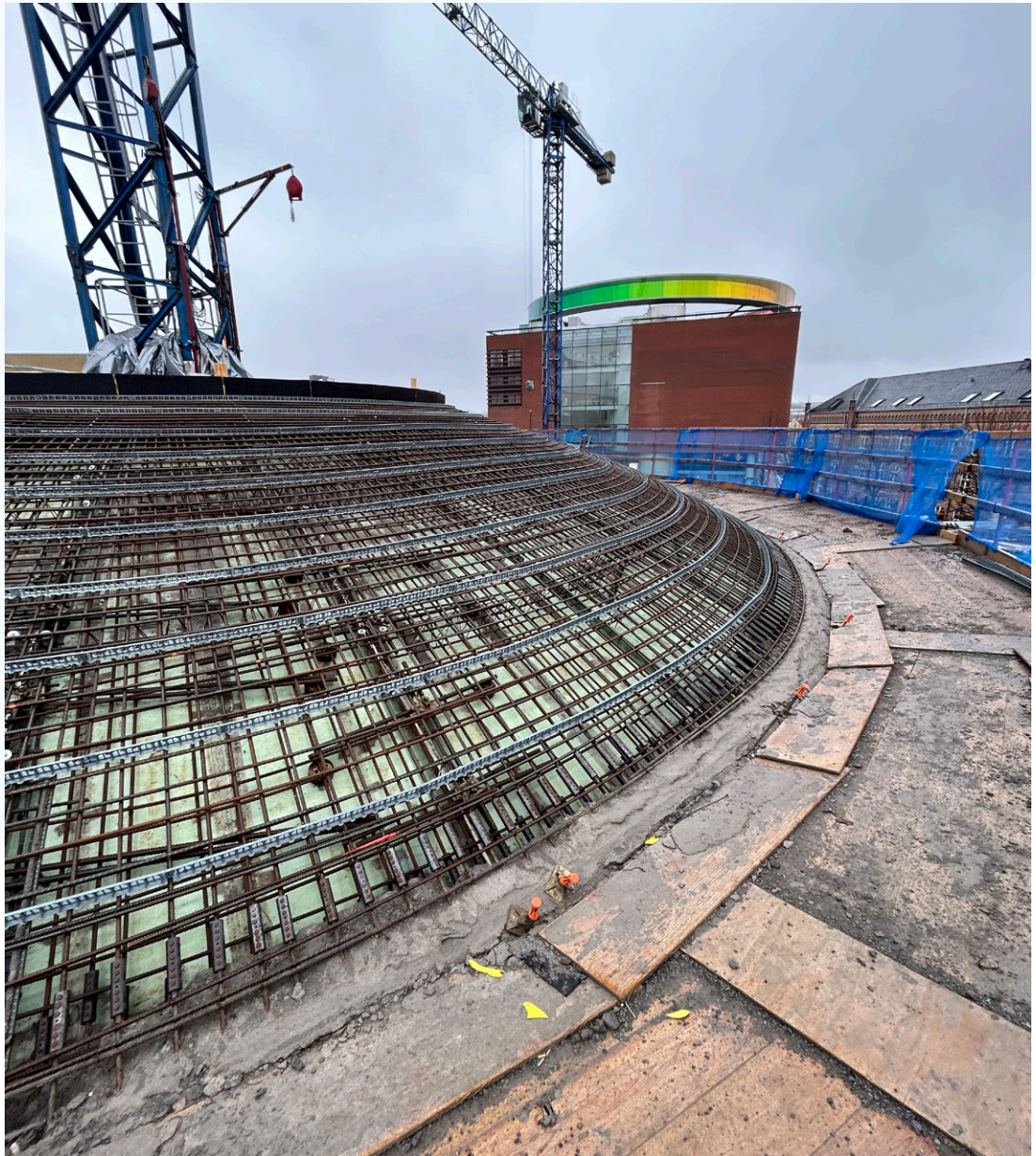
AARSLEFF

AARSLEFF





AARSLEFF




AARSLEFF

AARSLEFF